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Title: INSPECTION AND TESTING INDICATOR

ABSTRACT

In one embodiment, a time indicator is provided that provides a color indicia after a predetermined period of time has passed after activation. The time indicator includes a substrate, preferably a clear or transparent substrate, having an upper surface and a lower surface and a first portion and a second portion joined at a fold line. The first portion is of a smaller area than the second portion. An adhesive coats the upper surface of at least the second portion of the substrate. A first reactant is adhered to the upper surface of the first portion of the substrate and a second reactant is adhered to the upper surface of the second portion of the substrate. When the first portion is folded along the fold line so that the upper surfaces of the substrate contact each other, a portion of the adhesive on the second portion remains exposed. This exposed area may be used to attach the indicator to an article or documents. When so folded the first reactant and second reactant contact each other to activate the indicator and to provide the color indicia after the predetermined period of time after activation passes.

In another embodiment of the invention, the indicator is used to detect the presence of a chemical residue, e.g., explosive compound residues. The indicator comprises a substrate, preferably transparent, having an upper surface and a lower surface and a first portion and a second portion joined at a fold line, the first portion being smaller in area than the second portion. An adhesive coats the upper surface of at least the second portion of the substrate. A first reactant is adhered to the upper surface of the first portion of the substrate. When the second portion is contacted with a surface containing the chemical residue, e.g., the handle of a briefcase, the residue

5 adheres to the adhesive. When the first portion is subsequently folded along the fold line so that the upper surfaces of the substrate contact each other, a portion of the adhesive on the second portion remains exposed. This exposed portion may be used to attach the indicator to an article, e.g., passport. The first reactant and chemical residue react with each other to provide the color indicia indicating the presence of the chemical residue.

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